

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS 301-102000-001 REV. C OR LATER APPROVED REVISION

REF. TCCA STC: SH19-26

REF. FAA STC: SH8801SW-D

## 1.0 PURPOSE

The purpose of this Service Instruction is to provide instructions to modify the existing Airbus Mirror to improve visibility for monitoring the 301 Fire Attack System in flight.

## 2.0 PROCEDURE

The existing Airbus Mirror should be modified as follows:

2.1.1 Remove both the rectangular (Airbus) and round (Simplex) mirrors from the Airbus mirror bracket.

2.1.2 Trim the existing Airbus mirror bracket (Figure 1) to remove the outer mirror attachment post (Figure 2).

2.1.3 Install the round (Simplex) mirror as shown in Figure 3. Torque fasteners to 50-70 in-lbs [2.3-2.8 N-m].

**NOTE:** It is acceptable to install shorter or longer bolts if required. It is also acceptable to add washers if necessary.

**NOTE:** It is recommended that an Antiseize thread compound (lubricant) be applied to the AN4C14A bolts prior to installation. Lubricant must meet or exceed MIL-A-907.

2.1.4 Adjust Aircraft Weight and Balance to reflect the removal of rectangular (Airbus) mirror.

2.1.5 Update Aircraft Logbook to reflect modification per DSI 9852.

## 3.0 PARTS

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9852-011	MIRROR CLAMP KIT
4	D5916-1	CLAMP
1	D5917-041	MIRROR POST
2	AN4C14A	BOLT
2	MS21043-4	NUT
4	NAS1149D0463J	WASHER



CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
<b>APPROVED</b>	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	21.03.09
CERT. NO.:	C-LSH21-018/D
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APPROVED

B	ADDED D5917-041 MIRROR POST; ADDED SSTC NUMBER C-LSH21-018/D	RF	21.03.09
A	NEW ISSUE	RF	20.12.08
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9852	SHEET 1 OF 2
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	MIRROR MODIFICATION	NTS
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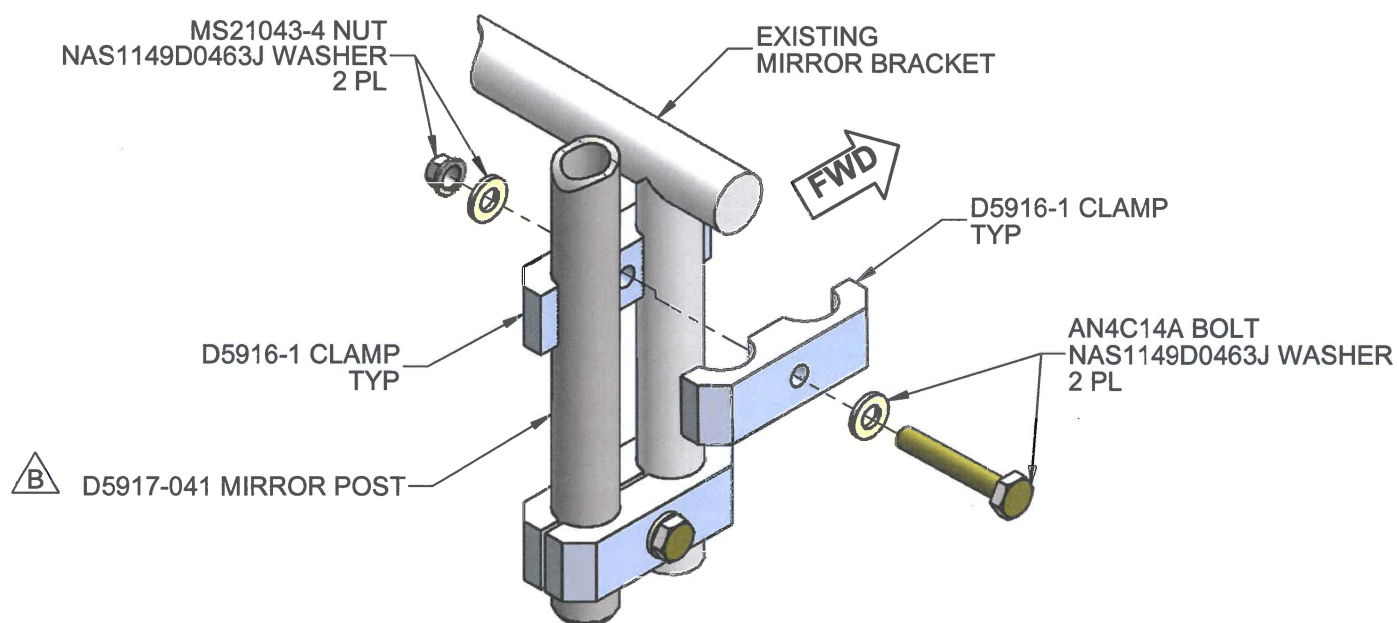
AIRBUS MIRROR

**Figure 1: Airbus Mirror Bracket**



SIMPLEX MIRROR

**Figure 2: Mirror Attachment Post Remove**



**Figure 3: Mirror Installation**

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DESIGN	RF
DRAWN	RF
CHECKED	SAD
MFG. APPR.	SAD
APPROVED	VS
DE APPR.	DS
DATE	21.03.09

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